

Converting Colors

XYZ(74.4882, 64.0961, 71.1571)

Have a look what the booklet for
XYZ(74.4882, 64.0961, 71.1571)
contains.

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Color

**XYZ(71.4478, 62.4593,
71.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD5
RGB	255, 189, 213
RGB Percent	100%, 74%, 84%
CMY	0.0000, 0.2588, 0.1647
CMYK	0.00, 0.26, 0.16, 0.00
HSL	338°, 100%, 87%
HSV	338°, 26%, 100%
XYZ	71.4478, 62.4593, 71.2409
YIQ	211.4700, 31.6320, 21.4560

Conversions

Conversions Part 2

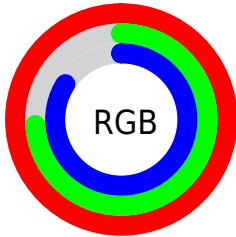
Format	Color
R _Y B	255, 189, 213
Decimal	16760277
CIE Lab	83.16, 27.22, -2.67
CIE LCh	83, 27.354, 354.404
Yxy	62.4593, 0.3483, 0.3045
Android (android.graphics.Color)	4294950357 (0xFFFFBDD5)
YUV	211.4700, 0.7543, 38.1758
Hunter-Lab	79.0312, 23.0675, 1.8762

Details

The XYZ color **71.4478, 62.4593, 71.2409** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1723, 88.1094, 88.8607**, and the grayscale version is **62.2096, 65.4493, 71.2743**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.8615, 31.6669, 36.4646** is the 20% darker color. If you saturate the color by 10%, you get **64.4793, 51.6553, 59.2590**, and if you desaturate by 10%, it is **79.5898, 75.2798, 84.6325**.

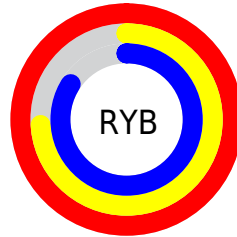
Distribution



Red (100%)

Green (74%)

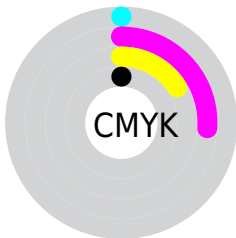
Blue (84%)



Red (100%)

Yellow (74%)

Blue (84%)

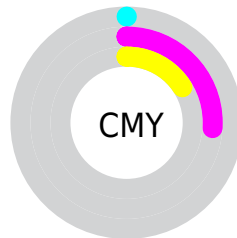


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4478, 62.4593, 71.2409 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.4478, 62.4593, 71.2409 by changing the saturation by 10% instead.


 71.4478, 62.4593,
71.2409

 71.4478, 62.4593,
71.2409


454.8048,
433.6045, 483.8015

 52.9916, 45.4039,
52.0558


 120.2862,
108.3891, 122.6743

 38.0235, 31.7757,
36.6670


151.3990,
138.0323, 155.7597

 26.1782, 21.1902,
24.6560


187.4615,
172.6402, 194.3156

 17.0904, 13.2631,
15.6043

228.8388,
212.5972, 238.7605

 10.3947, 7.6100,
9.0932

275.8965,
258.2878, 289.5130

 5.7257, 3.8464,
4.7044

328.9998,

 2.7181, 1.5880,

310.0962, 346.9917

2.0192

388.5141,
368.4070, 411.6150

■ 1.0065, 0.3495,
0.5671

■ 0.0000, 0.0000,
0.0000

■ 71.4478, 62.4593,
71.2409

■ 71.4478, 62.4593,
71.2409

■ 64.4793, 51.6553,
59.2590

■ 79.5898, 75.2798,
84.6325

■ 58.6232, 42.7563,
48.6344

■ 88.9534, 90.2044,
99.4760

■ 53.8196, 35.6521,
39.3168

95.0500, 100.0000,
108.9000

■ 50.0010, 30.2183,
31.2508

■ 47.0911, 26.3139,
24.3765

■ 45.0020, 23.7745,
18.6278

■ 43.6255, 22.3967,
13.9293

■ 43.2033, 22.0453,
12.2683

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1250, 62.4593, 88.8335



71.4478, 62.4593, 71.2409



70.3626, 62.4593, 55.3920

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4478, 62.4593, 71.2409



54.7797, 62.4593, 42.4009



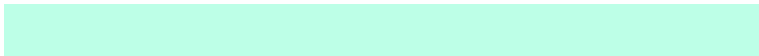
52.9751, 62.4593, 98.1554

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.4478, 62.4593, 71.2409



71.1723, 88.1094, 88.8607

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.5788, 62.4593, 82.4064



71.4478, 62.4593, 71.2409



50.5711, 62.4593, 50.7209

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



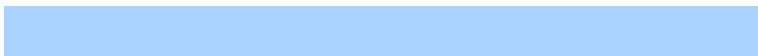
71.4478, 62.4593, 71.2409



60.4842, 62.4593, 40.4176



48.7288, 62.4593, 64.8736



58.2611, 62.4593, 105.9446

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4478, 62.4593, 71.2409



67.8871, 62.4593, 47.6277



48.7288, 62.4593, 64.8736



51.5890, 62.4593, 93.5019

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.4493, 62.4620, 71.2422



86.8635, 86.8597, 96.2054



69.1401, 60.5739, 102.6556



18.2823, 18.0962, 20.1038



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4493, 62.4620, 71.2422



67.7378, 56.6840, 64.9339



70.5756, 65.2337, 57.0193



18.2823, 18.0962, 20.1038



22.6397, 11.5452, 6.7533



2.2546, 1.1442, 0.9221

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.4493, 62.4620, 71.2422



67.7378, 56.6840, 64.9339



72.0547, 84.0734, 107.0378



18.2823, 18.0962, 20.1038



22.6397, 11.5452, 6.7533



2.2546, 1.1442, 0.9221

Previews

White Background



This preview shows how the XYZ color 71.4478, 62.4593, 71.2409 looks on a white background.

Color Contrast Check

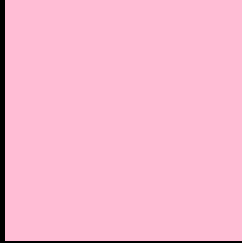
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.4478, 62.4593, 71.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

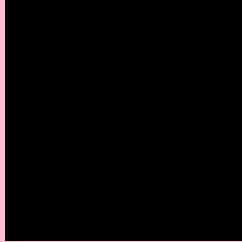
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4478, 62.4593, 71.2409

Background



This preview shows how black text looks on a background with the XYZ color 71.4478, 62.4593, 71.2409.



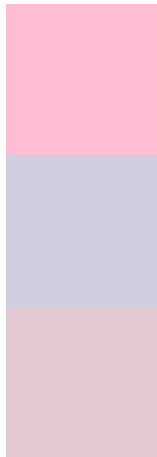
This preview shows how white text looks on a background with the XYZ color 71.4478, 62.4593,

71.2409.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.4478, 62.4593, 71.2409

Protanopia

61.1227, 62.7357, 78.6997

Deuteranopia

64.0085, 62.6452, 70.3461



Tritanopia

70.3060, 62.3055, 66.0782

Trichromacy



Original Color

71.4478, 62.4593, 71.2409



Protanomaly

64.1809, 62.2703, 75.6545



Deuteranomaly

66.7750, 62.6905, 70.8684



Tritanomaly

70.6717, 62.4518, 68.0041

Monochromacy



Original Color

71.4478, 62.4593, 71.2409



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.9182, 63.7962, 71.1797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4478, 62.4593, 71.2409 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 189, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.4478, 62.4593, 71.2409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

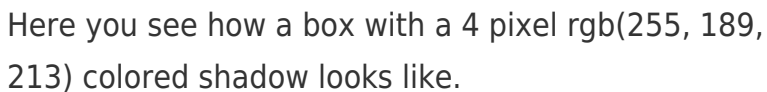
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 189, 213) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 189, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 189, 213); box-shadow:4px 4px 4px 4px rgb(255, 189, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4478, 62.4593, 71.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
189, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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